

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

February

2014

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Althea Austin-Smith,
Service Hydrologist

DATE

03/12/2014

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).



An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan Airport ASOS in Puerto Rico reported 3.50 inches of rain for the month of February; 1.11 inches greater than the normal of 2.39 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.56 inches for the month of February; 0.13 inches greater than the normal of 1.43 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 1.03 inches for the month of February; 0.62 inches less than the normal of 1.65 inches.

"A generally fair and mainly stable weather pattern prevailed across the local islands throughout most of the period as an upper level ridge dominated. Additionally, trade wind showers were observed from time to time across windward areas. These showers were enhanced sporadically by an upper trough which settled over the central Atlantic. Occasionally, the aforementioned trough moved west, close to the local area, to combine with local effects provoking the development of afternoon showers with an isolated thunderstorm or two across western Puerto Rico."

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=feb2014cr>) for February's complete Climate Report.)

No flooding occurred at any gaged locations during the month of February, 2014. As the seasonal dryness continued, there was no change in the U.S. Drought Monitor, where a section of southern Puerto Rico remained in the [abnormally dry category](#) for the month of February...due to short and long term rainfall deficits in that area. A section of Eastern Interior Puerto Rico received above normal rainfall while in Saint Croix, USVI, the totals were less than normal.

The approximate amounts of Hydrologic Products issued during the month of February are as follows: Urban/Small Stream Flood Advisories (SJUFLSSJU) - 5

Here is the [February 2014 rainfall totals graphic](#).

For monthly "radar totals" use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z - 12z (8am to 8am in PR) - AHPS archive of radar totals/ images.

(<http://water.weather.gov/ahps2/precip.php?wfo=sju>)